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VGN-AW41XH/Q

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Ultimate choice for professional HD editing and entertainment

Technical specifications

Operating System

Operating System	Genuine Windows® 7 Ultimate (64-bit)

Architecture

Platform	Intel® Centrino® 2 processor technology
Chipset	Mobile Intel® PM45 Express Chipset

Colour

Cover colour	Piano Black

CPU Section

Processor Name	Intel® Core™2 Duo Processor T9600
Processor Manufacturer	Intel®
Processor Speed (GHz)	2.8
L2 Cache (MB)	6
Frontside Bus (MHz)	1066
Number of Cores	2

Memory

Memory Size (GB)	8
Memory Speed (MHz)	800
Memory Type	DDR2 SDRAM (2x4GB)
Max. Supported Memory (GB)	8
Max Memory Comment	

Useful Links
Product support
http://www.sony.co.uk

	A portion of the system memory over 3GB may not be available to the 32bit operating system

Drives

Hard Drive Capacity (GB)	628GB (500GB HDD + 2x64GB SSD RAID 0 support)
Hard Drive Type	Serial ATA / SSD Flash drive Serial ATA
Hard Drive Speed (rpm)	5400
Optical Drive Type	Blu-ray Disc™ Drive: BD-R/-RE/-ROM/ DVD+-RW/ +-R DL/RAM Drive
Optical Drive Fitting	Built-in

Drives Speed

Write	CD-R x24, CD-RW x16, DVD-R DL x4, DVD-R x8, DVD-RW x6, DVD+R DL x4, DVD+R x8, DVD+RW x6 , DVD-RAM x5, BD-Rx4, BD-RE x2, BD-R DL x2, BD-RE DL x2
Read	CD-ROM x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD+R DL x6, DVD+R x8, DVD+RW x6, DVD-RAM x5, BD-ROM x4, BD-Rx4, BD-RE x2, BD-RE DL x2, BD-R DL x2

Display

Screen Type	X-black LCD with RGB 3chip LED technology
Diagonal Size (in)	18.4
Diagonal Size (cm)	46.7
Resolution	1920 x 1080
Aspect Ratio	16:9
Resolution Type	Full HD (1920 x 1080)

Graphics

Graphic Card Name	NVIDIA® GeForce® 9600M GT GPU
Total Graphics Memory	Total available graphics memory of Approx. 4090MB* with dedicated GDDR3 Video Memory of 512MB
Comments	

	* Total Available Graphics Memory refers to the Windows® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.

Interfaces

Solution Guide	VAIO Gate
4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ standard, Memory Stick™ Duo, Memory Stick™ PRO, Memory Stick™ PRO Duo, high speed data transfer and MagicGate compatible
Microphone Jack (Stereo)	1
RJ-45 Direct Port (Network)	1
USB Speed	High/Full/Low
USB Port (quantity)	3
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
SD Card Slot	1
CF Card Slot	1
Audio out	2
Audio out Type(s)	Headphone/Speakers Jack and optical S/PDIF
HDMI out	1
Express Card Slot	1
Express Card Slot Type	34mm

Connectivity

Integrated Wireless LAN	YES
Wireless LAN Range (m)	max. 100
Integrated Bluetooth (Version)	2.1 + EDR
Bluetooth Range (m)	10
Wireless LAN Type	802.11a/b/g/Draft n
Wireless LAN Max. Date Rate (Mbps)	300 (RX) / 150 (TX)
Ethernet network	10 BASE-T/100 BASE-TX/1000 BASE-T

Multimedia

Intel® High Definition Audio compatible	YES
3D Surround	Dolby Home Theatre®

Built-in Stereo Speakers	YES
Windows® Sound System Compatible	YES

Built-in Camera

Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	max. 30
Image Sensor (Mega Pixels)	1.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	1280x1024 (SXGA)

Keyboard Section

Touch Pad	1
Numeric Keypad	1

Features

Special Buttons	Power button,Wireless LAN switch, Touch sensor buttons (S1 & S2) , Mute, Volume Control, AV Mode, Play/Pause, Stop buttons, ODD eject button
Security Features	Finger Print Recognition
Auto Resolution	Plug and Display
Kensigton Lock	YES
Built-in Microphone	YES

Software

Audio	Windows Media Player 11
Video & TV	Picture Motion Browser, VAIO Content Importer / Exporter, WinDVD BD for VAIO, VAIO Movie Story, Adobe Premiere Elements 7
Photo	Adobe Photoshop Lightroom 2, Picture Motion Browser,Adobe Photoshop Elements 7, VAIO Movie Story
Home Network	VAIO Media Plus
CD-DVD Burning	Easy Media Creator 10, Click to Disc/Editor
Office Application	Adobe® Reader® 9, Microsoft® Office Trial 2007 (60 days Try & Buy)
Security & Other	McAfee Internet Security Suite (with 60days free virus updates), VAIO Recovery Utility 2.6 - HDD recovery (hidden partition), Google software

Supplied Accessories

AC Adaptor	YES
Battery	YES
Power Cord	YES

Dimensions

Depth Main Unit (mm)	288.9
Height Main Unit (min - max in mm)	36.9 - 39.7
Width Main Unit (mm)	437.2
Weight with Supplied Battery and Supplied Drive (kg)	3.95

Battery

Battery Type	Lithium-Ion battery (VGP-BPS13A/Q)
Battery Life (min)	105
Battery Charging Time (min)	220
Battery Life Disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007

Accessories

AC-Adapters

VGP-AC19V16

Bags and Carrying Cases

VGP-MBA10

Batteries

VGP-BPL13

VGP-BPS13A/B

Drives

VGP-UHDM25

Warranty and Service

PCGE-VPW1

PCGE-VPW2

Mice & Keyboards

VGP-BMS33/S

VGP-UMS30/B

VGP-UMS30/S

VGP-BMS77

VGP-BMS33/H

VGP-BMS10/B

Others

VGP-BRMP10

VGP-DHA1

Healthcare

PCGE-VPW1

PCGE-VPW2

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